Mobileye AM QC Application

For

Firmware Updates

User Manual

Mobileye Vision Technologies
www.mobileye.com

Contents

1 AM QC Application 3

2 Installing the Mobileye AM QC Application 3

3 Using the Mobileye AM QC Application 4

4 Troubleshooting 11

4.1 Correct Firmware Versions are not shown 11

Every effort has been made to ensure the accuracy of all information in this User Guide. However, Mobileye Vision Technologies makes no expressed or implied warranty or representation based on the enclosed information.
Mobileye Vision Technologies reserves the rights to alter the equipment specifications and descriptions in this publication without prior notice. Any errors or omissions may be reported to Mobileye Technical Support.
Email: support@mobileye.com

1 AM QC Application

The Mobileye AM QC Application is a dedicated tool that allows Mobileye distributors and installers to update the Mobileye Systems Firmware versions.

2 Installing the Mobileye AM QC Application

1- ***Download***, ***Save*** and ***Extract*** the folder named "AM_QC_Application_v1.3.2.rar" to your laptop from the following FTP link:

Link: ftp://ftpclient.mobileye.com/AWS/AM_QC_Application_v1.3.2.rar

2- Enter the folder named "AM_QC_Application_v1.3.2"

> **NOTE:**
>
> **If a previous version of the "AM QC Application" is installed on your laptop you must remove it or install the newer version over it (step 3).**

3- Run the file named "**AM_QC_Application_Setup.msi**" and follow the On-Screen instructions (next, next, next) until installation is complete.

4- Return to the folder named "AM_QC_Application_v1.3.2" and run the file named "AM_QC_App_setup.bat".

> **NOTE:**
>
> **If you are using Windows 7 64 bit Operating System run the file named *"AM_QC_App_setup_For_WIN7_64bit.bat"*.**

5- **Mobileye AM QC Application installation is completed.**

3 Using the Mobileye AM QC Application

1- Go to the Desktop and activate the program called "***Aftermarket QC Application***" (orange box icon) to update the Mobileye system with the new Firmware version.

NOTE:

- After the Firmware update the system will need to be ***Re-calibrated!***
- Update time is approximately 20 minutes for C2-270 and Mobileye 5 using EyeCAN cable

  (about 50 min using the Kvaser Leaf Light HS cable)
- Update time is approximately 20 minutes for AWS4000, AWS2000 and C2-170 (using Kvaser Leaf Light HS cable only)

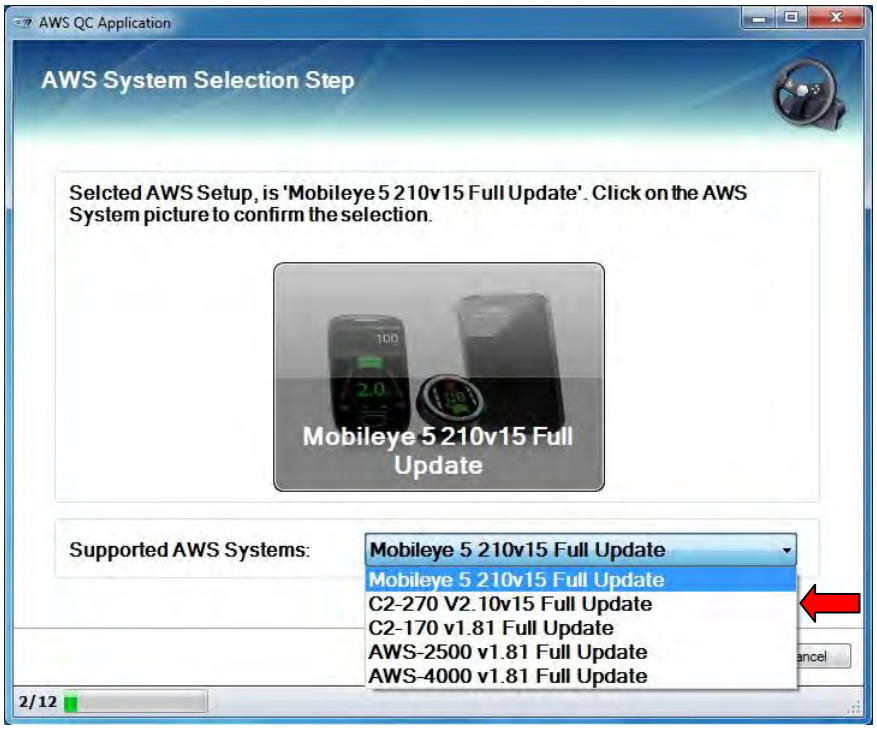
2- After activating the application a welcome will open

3- Verify the application Version (Version: 1.3.2)

4- Click "Next" to continue

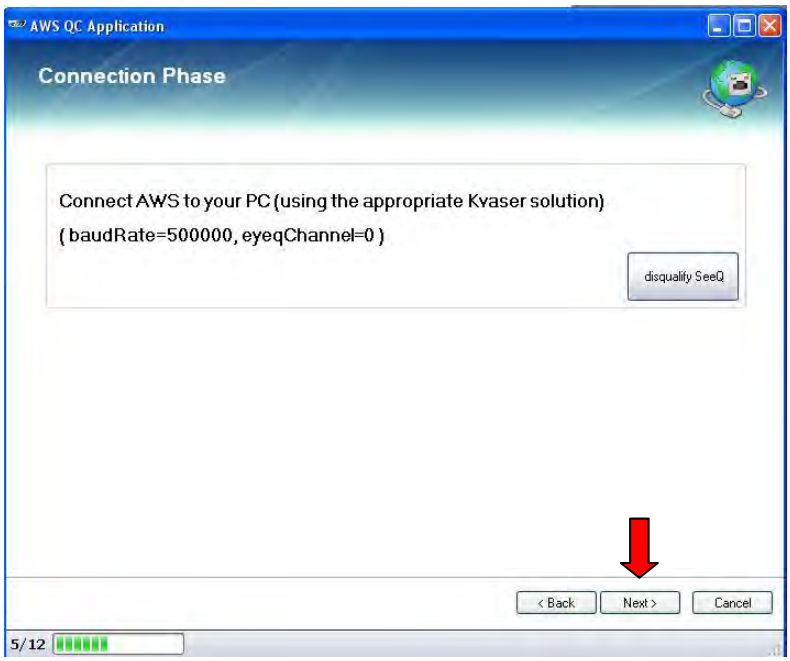
AWS QC Application
Welcome to AWS QC application
You are starting an AWS QC process
Please make sure you have carefully read the installation guide and have all the necessary equipment.
The AWS unit should be originally certified by Mobileye Vision Technologies Ltd.
Version: 1.3.2, last updated :May 7, 2010
Copyright © 2009, After Market Software Team - All Rights Reserved
< Back
Next >
Cancel
1/12

5- Choose the Supported system you would like to Update from the drop down list


AWS QC Application
AWS System Selection Step
Selcted AWS Setup, is 'Mobileye 5 210v15 Full Update'. Click on the AWS System picture to confirm the selection.
Mobileye 5 210v15 Full Update
Supported AWS Systems:
Mobileye 5 210v15 Full Update
Mobileye 5 210v15 Full Update
C2-270 V2.10v15 Full Update
C2-170 v1.81 Full Update
AWS-2500 v1.81 Full Update
AWS-4000 v1.81 Full Update
2/12

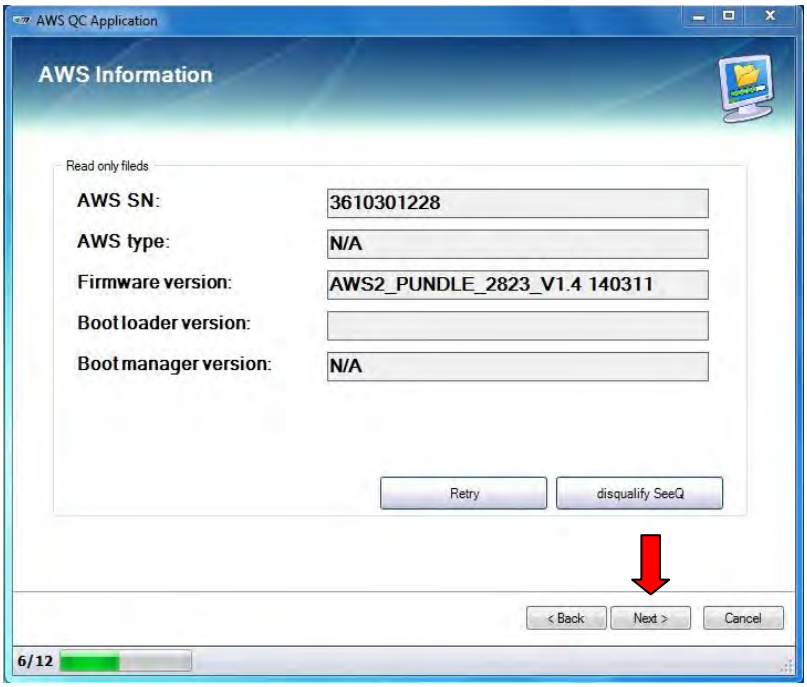
6- Connect the system to the laptop via the EyeCAN or Kvaser cable and Power ON the System.

7- When ready click on “Next”



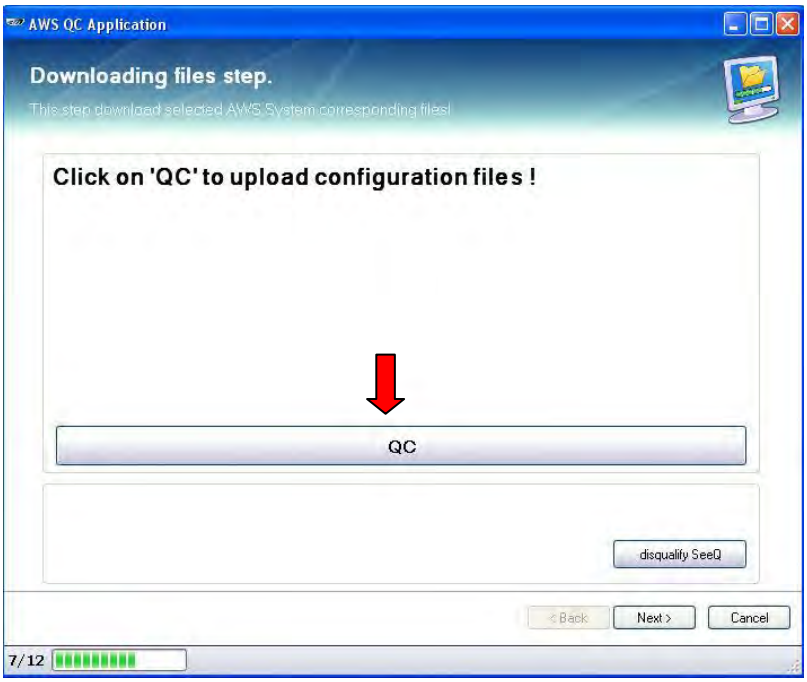
8- When co communication is established with the system you will see the system information (SN, current Firmware version, etc…)

9- Click “Next” to continue

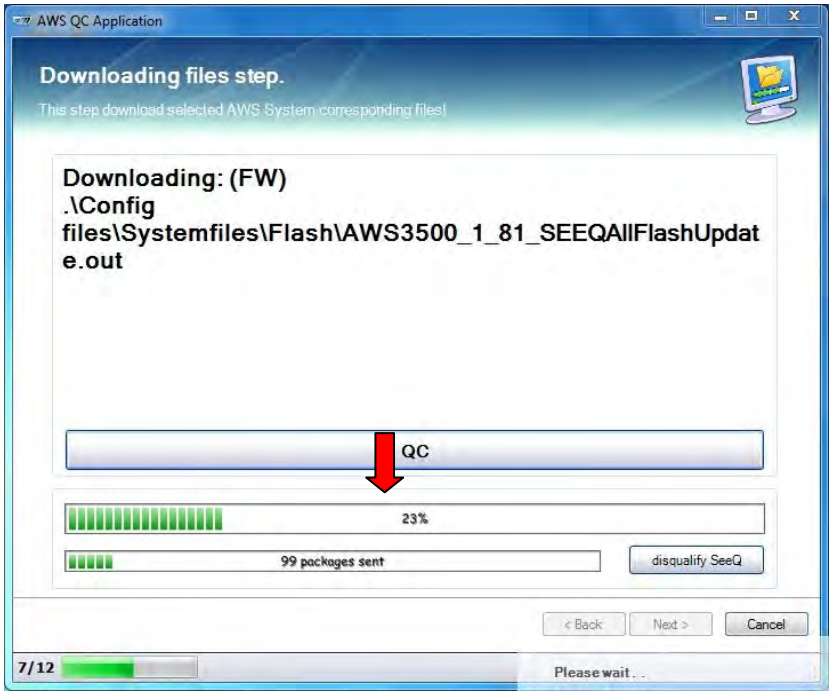


10- Click on the button named “QC” to begin Firmware Update

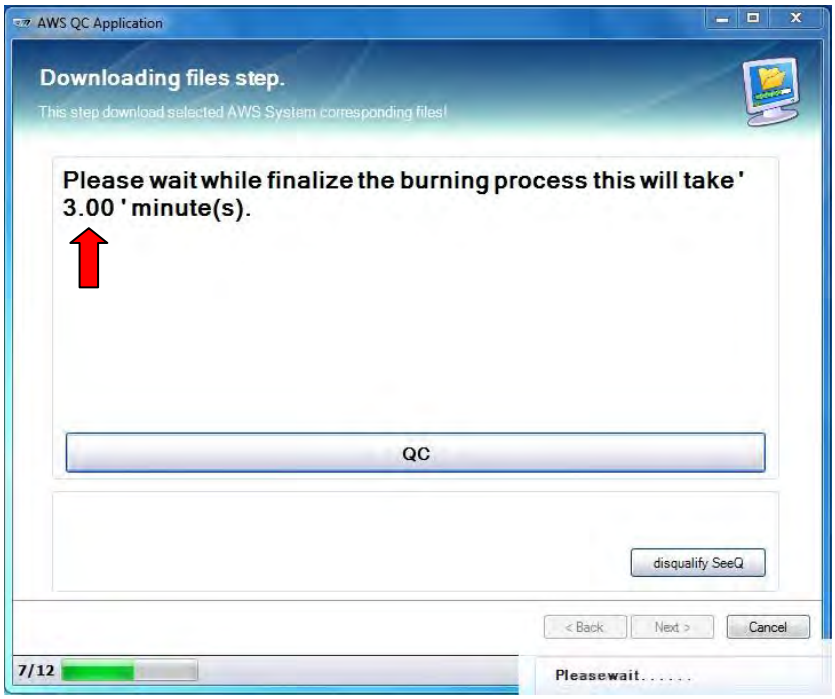
Note: Once the update has begun DO NOT disconnect system Power!!!



11- Below is an example of a normal Firmware Update in progress.

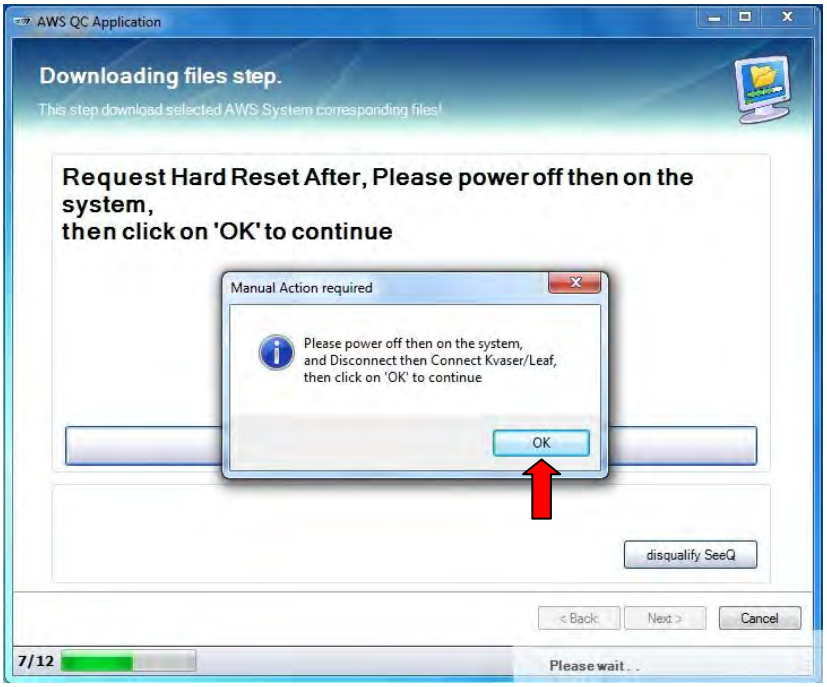


12- When the Progress Bar reaches 100% you will be asked to wait a few minutes (between 3 and 7 minutes depending on the system model).

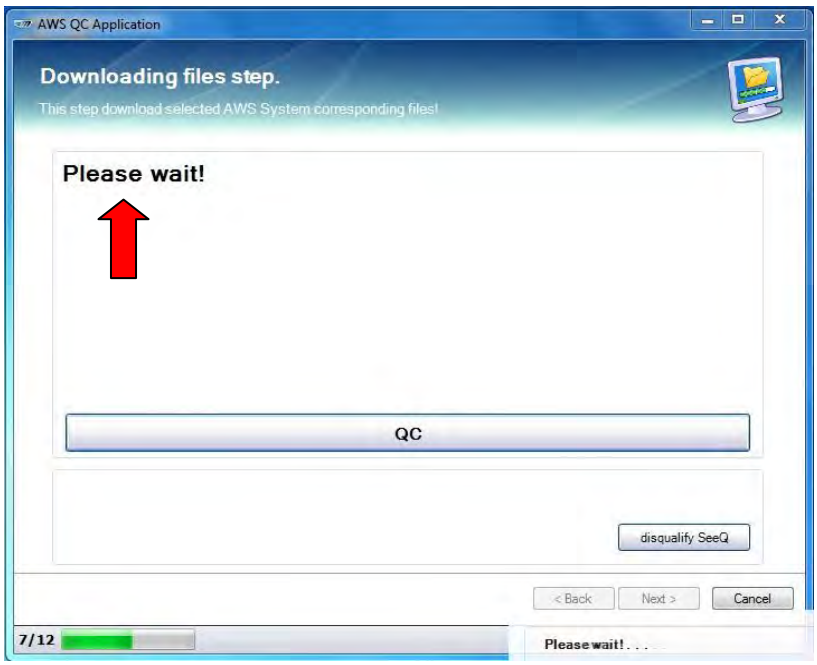

AWS QC Application
Downloading files step.
This step download selected AWS System corresponding files!
Please wait while finalize the burning process this will take ' 3.00 ' minute(s).
QC
disqualify SeeQ
< Back
Next >
Cancel
7/12
Pleasewait. . . . . .

13- When the Firmware Update is completed, a pop-up message will ask you to Reset the system.

14- Switch the system Power Off and back On and then click “OK” in the Pop-up window.

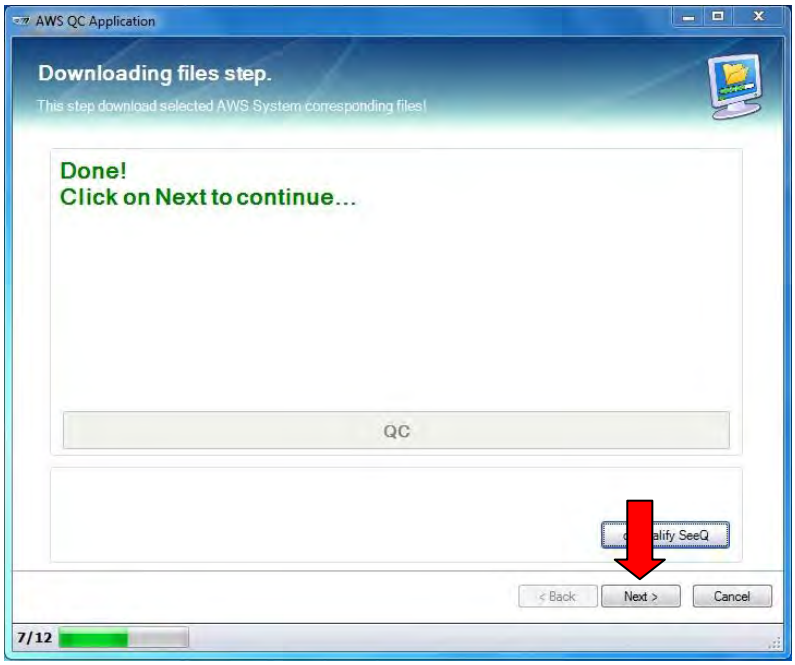

AWS QC Application
Downloading files step.
This step download selected AWS System corresponding files!
Request Hard Reset After, Please power off then on the system,
then click on 'OK' to continue
Manual Action required
Please power off then on the system,
and Disconnect then Connect Kvaser/Leaf,
then click on 'OK' to continue
OK
disqualify SeeQ
< Back
Next >
Cancel
7/12
Please wait . .

15- After the Power Reset you will be asked to wait a few seconds until the application “Reestablishes communication” with the system.



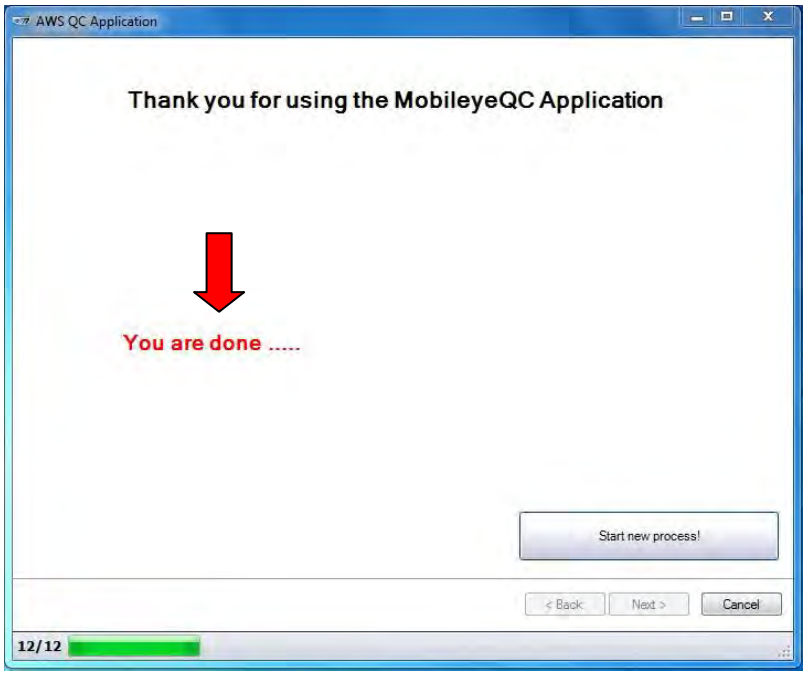
16- When communication is reestablished you will be notified.

17- Click “Next” to continue

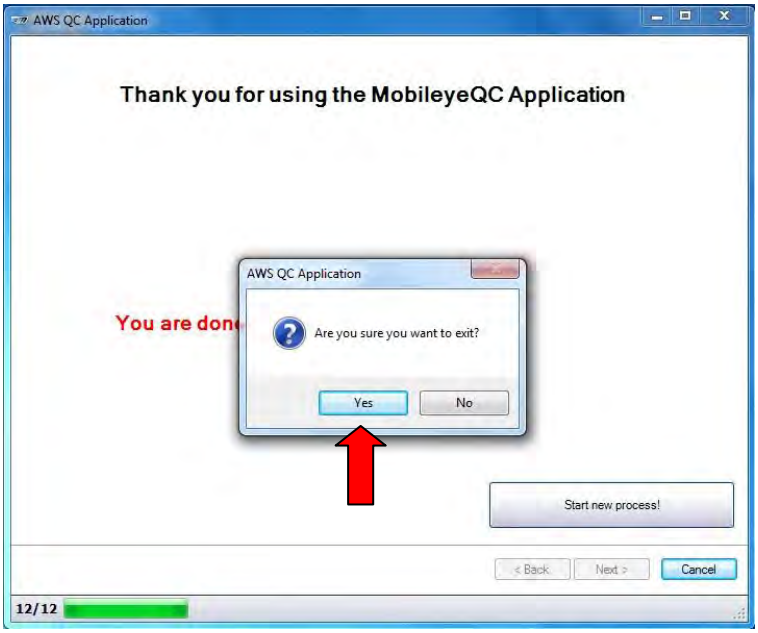


18- The Firmware Update is complete.

19- Click “Cancel” to exit the application.



20- Click “Yes” to exit the application



4 Troubleshooting

4.1 Correct Firmware Versions are not shown

If the AM QC Application doesn't show the correct Firmware versions for each system type (as shown in page 5) please try the following:

1- Go to > "C:\Program Files\Mobileye\AM QC Application"

2- Delete the folder named "Config files".

3- Go to the AM QC Application file you downloaded, extracted and saved on your Laptop.

4 - Copy the folder named "Config files"

5 – Go to > "C:\Program Files\Mobileye\AM QC Application" (same place you deleted it from in the first step).

6 – Paste the folder named "Config files" here ("C:\Program Files\Mobileye\AM QC Application")

7 - Run the AM QC Application again and check if it showing the options as shown in page 2)